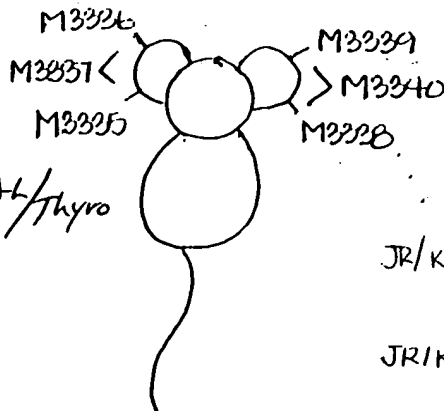


M3335-3340

N053

human iNOS CT: CR-NL-0m-SLEMSAL/Thyro

006
(Book 29)

- | | | |
|---|-------|----------|
| ① 1 st I.P. Immunization & FCA | JR/KF | 4/28/94 |
| ② 2nd IP Immunization w/ FCA | JR/KF | 5/19/94 |
| ③ 3rd IP Immunization | JR | 6/9/94 |
| ④ Test bleed via orbital eye vein | JR | 6/21/94 |
| ⑤ M3336, M3338: Final boost: 1/2 IV, 1/2 splenic/IP | JR/RW | 6/27/94 |
| ⑥ M3336, M3338: exed by cervical dislocation and spleens aseptically removed for fusion | JR | 7/1/94 |
| ⑦ Test bleed via orbital eye vein | JR | 9/29/94 |
| ⑧ 4th: 1/2 IP, 1/2 intersplenic | JR/RW | 9/29/94 |
| ⑨ exed by cervical dislocation | RW | 12/16/94 |

EASY BEAM

Plate # 1
Operator JC

Date 6 / 22 / 94
 Comment NOS4 @ 100 ng / well
Test Bkld #1, IgG

Filter 492 nm

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| A | +0.000 | +1.066 | +0.533 | +0.226 | +0.110 | +0.062 | +0.030 | +0.014 | +0.014 | +0.005 | +0.005 | +0.000 | A M 3335 |
| B | +0.000 | OVER | OVER | OVER | +1.923 | +1.690 | +1.166 | +0.635 | +0.325 | +0.147 | +0.073 | +0.032 | B M 3336 |
| C | +0.000 | +1.461 | +0.919 | +0.392 | +0.188 | +0.091 | +0.041 | +0.019 | +0.013 | +0.007 | +0.000 | +0.005 | C M 3337 |
| D | +0.000 | OVER | OVER | OVER | +1.879 | +1.438 | +0.822 | +0.409 | +0.184 | +0.086 | +0.044 | +0.019 | D M 3338 |
| E | +0.000 | OVER | OVER | +1.984 | +1.664 | +1.117 | +0.626 | +0.313 | +0.167 | +0.080 | +0.043 | +0.020 | E M 3339 |
| F | +0.000 | +1.254 | +0.876 | +0.468 | +0.252 | +0.125 | +0.063 | +0.032 | +0.017 | +0.011 | +0.008 | +0.000 | F M 3340 |
| G | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | G |
| H | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | H |

1
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 Blank

2
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 1:100

12
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 1:102400

EASY BEAM

Plate # 4 Date 6 / 22 / 94 Filter 492 nm
 Operator JC Comment N054 @ Longwell
Test Bleed #1, TGM

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| A | +0.000 | +0.217 | +0.131 | +0.076 | +0.041 | +0.025 | +0.013 | +0.006 | +0.006 | +0.000 | +0.000 | +0.000 | A M 3335 |
| B | +0.005 | +0.568 | +0.332 | +0.175 | +0.094 | +0.049 | +0.028 | +0.013 | +0.009 | +0.000 | +0.000 | +0.000 | B M 3336 |
| C | +0.000 | +0.267 | +0.180 | +0.114 | +0.059 | +0.034 | +0.019 | +0.009 | +0.000 | +0.000 | +0.000 | +0.000 | C M 3337 |
| D | +0.000 | +0.382 | +0.236 | +0.124 | +0.061 | +0.031 | +0.016 | +0.010 | +0.005 | +0.000 | +0.000 | +0.005 | D M 3338 |
| E | +0.000 | +0.382 | +0.227 | +0.110 | +0.055 | +0.027 | +0.015 | +0.008 | +0.000 | +0.000 | +0.000 | +0.000 | E M 3339 |
| F | +0.000 | +0.227 | +0.150 | +0.096 | +0.054 | +0.035 | +0.016 | +0.008 | +0.005 | +0.000 | +0.000 | +0.000 | F M 3340 |
| G | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | G |
| H | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | H |

1
↑
Blank

2
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1:100

12
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1:102400

SP210: 20xT-75: Decanted supernatant and harvested cells in fresh media; split flasks depending on confluency for fusion tomorrow.

Media = DME-w/ HEPES, 10% FCS, P/S

FGF-acidic: 1xT-25: Spun supernatant and harvested cells for 5' @ 1200rpm.

7.2×10^6 viable (~80%)

Reseeded T-25 @ 1×10^6 and removed

5.33×10^3 cells for cloning (20, 10, 5, 2.5, 1.25, .6)

Reopen remaining cells ($\sim 6.2 \times 10^6$) and

froze down @ $\sim 2 \times 10^6$ c/ml (Media = DME-h, 20% FCS, 1% P/S, 10% DMSO)

Media = DME-h, 20% FCS, P/S

Friday, 1 July 1994

NOV3 Fusion

SP210-Ag14: 20xT-75: Decanted supernatant and harvested in fresh media (DME w/ HEPES, 10% FCS, P/S)

Split flasks 1:10 and collected cells in 4xT-75 for fusion. 2xT-75 counted: 1.7×10^7 vc (~88%)

2.0×10^7 vc (~92%)

Final count: 4.08×10^8 vc (~90%)

Splenocytes: 5mm. in NH_4Cl sol.

Final count: 5.32×10^8 vc (~90%)

Fusion Ratio: 5.32×10^8 splenocytes : 4.08×10^8 SP210
1.25 : 1 ratio

Plating: Total # of cells: 9.4×10^8 → resuspended @ 2.5×10^6 c/ml

∴ 376 ml (Resuspended in ~300ml and seeded 20x46 well plates w/ 2 drops/well)

Media = DME-w/ HEPES, 20% FCS, 1% DMSO, P/S

EASY BEAM

Plate # N053-1 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment 80ns @ 100ng/well w/ N064
2° Ab = HRP-GAM IgG/M cocktail

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.009 | +0.000 | +0.000 | A |
| B | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.008 | +0.005 | B |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | +0.007 | +0.000 | C |
| D | +0.000 | +0.011 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.005 | D |
| E | -0.005 | -0.005 | +0.000 | +0.000 | +0.305 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | E |
| F | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | F |
| G | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.009 | +0.000 | +0.000 | +0.000 | +0.005 | G |
| H | +0.000 | +0.005 | +0.008 | +0.000 | +0.000 | +0.000 | +0.008 | +0.013 | +0.000 | +0.000 | +0.011 | +0.011 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

IEF: 50-60% confluent w/ hybridomas, some fibroblasts

EASY BEAM

Plate # N053-2

Date

7 / 14 / 94

Filter

492

nm

Operator JR

Comment

ecns. w/ N054 @ Dong/Neil1°Ab = 20 µl exp.2°Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.008 | +0.000 | +0.000 | +0.006 | +0.011 | +0.000 | A |
| B | -0.009 | +0.000 | +0.000 | -0.009 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.008 | +0.000 | B |
| C | -0.011 | +0.000 | -0.010 | -0.008 | -0.008 | +0.000 | -0.007 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | C |
| D | -0.007 | +0.000 | +0.000 | +0.000 | -0.007 | -0.007 | -0.005 | +0.000 | +0.000 | +0.000 | +0.008 | +0.005 | D |
| E | -0.010 | +0.000 | -0.005 | -0.005 | +0.000 | +0.000 | +0.000 | -0.005 | +0.009 | +0.012 | +0.000 | +0.010 | E |
| F | -0.011 | +0.000 | +0.000 | +0.005 | +0.007 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | F |
| G | -0.009 | -0.007 | -0.007 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | G |
| H | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N083-3 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment cons. w/ N084 @ 100ng/well
1°Ab = 20µl sup.
2°Ab = HRP-GAMIGG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.007 | +0.000 | +0.021 | +0.005 | +0.007 | +0.009 | +0.000 | +0.010 | +0.014 | +0.010 | +0.012 | A |
| B | +0.000 | +0.007 | +0.000 | +0.000 | +0.009 | +0.005 | +0.007 | +0.007 | +0.007 | +0.010 | +0.013 | +0.017 | B |
| C | +0.000 | +0.000 | -0.008 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.022 | +0.007 | +0.018 | +0.009 | C |
| D | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.010 | +0.010 | +0.007 | D |
| E | -0.007 | +0.000 | +0.000 | +0.000 | -0.008 | +0.007 | +0.016 | +0.000 | +0.005 | +0.005 | +0.005 | +0.008 | E |
| F | -0.007 | +0.000 | +0.000 | +0.016 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.008 | +0.010 | F |
| G | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.007 | +0.007 | G |
| H | +0.000 | +0.000 | +0.007 | +0.007 | +0.007 | +0.007 | +0.011 | +0.005 | +0.005 | +0.005 | +0.008 | +0.011 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053-4 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100ng/well
1st Ab = 20µl sup
2nd Ab = HRP-GAMIG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.012 | +0.000 | +0.007 | +0.007 | +0.009 | +0.005 | +0.005 | +0.005 | +0.009 | +0.011 | +0.009 | A |
| B | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.011 | +0.006 | B |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | C |
| D | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.008 | +0.000 | +0.000 | +0.015 | +0.000 | +0.000 | +0.000 | D |
| E | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | E |
| F | +0.009 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | F |
| G | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | G |
| H | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.008 | +0.010 | +0.000 | +0.000 | +0.000 | +0.007 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053-5 Date 7 / 14 / 94 Filter 492 nm
 Operator CR Comment Sens. w/ N054 @ 100 ng/well
1° Ab = 20 µl sup.
2° Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.006 | -0.031 | +0.000 | +0.000 | +0.000 | A |
| B | -0.005 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.030 | +0.000 | +0.000 | +0.000 | B |
| C | -0.011 | -0.005 | -0.011 | +0.000 | -0.009 | -0.009 | -0.006 | -0.006 | -0.031 | +0.000 | -0.005 | +0.000 | C |
| D | -0.013 | -0.008 | -0.010 | -0.010 | -0.010 | -0.008 | -0.006 | -0.009 | -0.031 | +0.000 | +0.000 | +0.000 | D |
| E | -0.015 | -0.011 | -0.011 | -0.011 | -0.011 | -0.014 | -0.012 | -0.010 | -0.030 | -0.007 | -0.005 | +0.000 | E |
| F | -0.010 | -0.010 | -0.006 | +0.000 | -0.008 | -0.005 | -0.007 | -0.007 | -0.032 | +0.000 | +0.000 | +0.000 | F |
| G | -0.011 | -0.009 | -0.011 | -0.005 | -0.009 | -0.006 | -0.006 | -0.008 | -0.031 | +0.000 | -0.005 | +0.000 | G |
| H | -0.006 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.029 | +0.000 | +0.000 | +0.009 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053-6 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100 ng/well
1° Ab = 20 µl sup.
2° Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | -0.008 | -0.008 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | A |
| B | -0.006 | -0.008 | +0.000 | -0.005 | -0.007 | -0.011 | +0.000 | +0.000 | -0.007 | +0.000 | +0.000 | +0.000 | B |
| C | -0.010 | +0.000 | -0.013 | -0.011 | -0.017 | -0.006 | -0.010 | -0.007 | -0.007 | +0.000 | +0.000 | +0.000 | C |
| D | -0.010 | -0.007 | -0.007 | -0.007 | -0.009 | -0.009 | +0.000 | +0.010 | -0.010 | -0.006 | +0.000 | +0.000 | D |
| E | -0.009 | -0.009 | -0.018 | -0.012 | -0.014 | -0.017 | -0.012 | -0.010 | +0.000 | -0.006 | -0.006 | -0.008 | E |
| F | +0.000 | -0.007 | -0.007 | -0.005 | +0.000 | -0.011 | -0.011 | -0.005 | +0.000 | +0.006 | +0.029 | -0.009 | F |
| G | -0.009 | -0.007 | -0.011 | -0.009 | -0.005 | -0.009 | +0.000 | -0.005 | +0.000 | -0.007 | +0.000 | +0.000 | G |
| H | -0.009 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.023 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053-7 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment 60ns. w/ NOD4 @ 100ng/well
1°Ab = 20 µl sup.
2°Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.009 | +0.005 | +0.008 | +0.006 | +0.019 | +0.007 | +0.005 | +0.009 | +0.009 | +0.009 | +0.009 | A |
| B | +0.015 | +0.005 | +0.007 | +0.000 | +0.000 | +0.000 | +0.006 | +0.008 | +0.011 | +0.008 | +0.008 | +0.008 | B |
| C | +0.011 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.011 | +0.000 | +0.007 | +0.005 | +0.007 | C |
| D | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.029 | +0.023 | +0.009 | D |
| E | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.007 | +0.000 | +0.006 | +0.961 | E |
| F | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.045 | +0.000 | +0.000 | F |
| G | +0.000 | +0.000 | +0.010 | +0.000 | +0.013 | +0.000 | +0.005 | +0.000 | +0.000 | +0.009 | +0.000 | +0.005 | G |
| H | +0.000 | +0.000 | +0.005 | +0.000 | +0.005 | +0.005 | +0.000 | +0.000 | +0.005 | +0.008 | +0.012 | +0.009 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

7E12: 30-40% confluent, few fibroblasts

EASY BEAM

Plate # NBB3-8 Date 7 / 14 / 94 Filter 492 nm
Operator JR Comment Sens. w/ NBB4 @ Dong/well

1° Ab = 20 µl sup.
2° Ab = HRP-GAMIG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.060 | +0.008 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | A |
| B | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.009 | B |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | C |
| D | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | D |
| E | +0.000 | -0.007 | +0.005 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.015 | +0.000 | +0.000 | +0.000 | E |
| F | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | F |
| G | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.005 | +0.005 | +0.000 | +0.007 | G |
| H | +0.005 | +0.000 | +0.000 | +0.000 | +0.006 | +0.006 | +0.000 | +0.000 | +0.005 | +0.005 | +0.007 | +0.005 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

BA4: 30% confluent, some fibroblasts

EASY BEAM

Plate # N033-9 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment 800s w/ N054 @ 100ng/well
1°Ab = 20µl sup.
2°Ab = HRP-GAMIG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.005 | +0.000 | +0.005 | +0.005 | +0.000 | +0.006 | +0.000 | +0.005 | +0.012 | +0.012 | +0.007 | A |
| B | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.009 | +0.009 | +0.009 | B |
| C | +0.000 | +0.000 | -0.010 | +0.000 | -0.007 | -0.005 | +0.000 | +0.000 | +0.006 | +0.006 | +0.009 | +0.018 | C |
| D | +0.000 | +0.000 | +0.017 | -0.006 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.012 | +0.008 | D |
| E | +0.000 | +0.000 | -0.009 | -0.006 | -0.008 | +0.000 | -0.006 | +0.000 | +0.006 | +0.006 | +0.012 | +0.016 | E |
| F | -0.006 | +0.006 | +0.000 | +0.006 | +0.000 | +0.000 | -0.006 | +0.008 | +0.005 | +0.007 | +0.005 | +0.005 | F |
| G | +0.005 | +0.020 | +0.000 | +0.012 | -0.005 | +0.005 | +0.000 | +0.014 | +0.005 | +0.007 | +0.007 | +0.000 | G |
| H | +0.000 | +0.000 | +0.010 | +0.007 | +0.145 | +0.010 | +0.006 | +0.008 | +0.005 | +0.009 | +0.009 | +0.009 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

945: 90% confluent

EASY BEAM

Plate # N053-10 Date 1 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N004 @ 100ng/well
1°Ab = 20ul sup.
2°Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.009 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.025 | A |
| B | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | B |
| C | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | -0.007 | -0.005 | -0.005 | +0.000 | +0.000 | +0.000 | C |
| D | -0.006 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.007 | +0.000 | +0.000 | D |
| E | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | -0.006 | +0.000 | +0.009 | +0.000 | +0.000 | +0.000 | E |
| F | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.006 | -0.006 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | F |
| G | +0.007 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | G |
| H | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.008 | +0.000 | +0.000 | +0.006 | +0.000 | +0.011 | +0.008 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N003 -11 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N004 @ 100ng/well
1st Ab = 20µl sup.
2nd Ab = HRP-GAMCg/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.007 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | A |
| B | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | B |
| C | +0.000 | +0.005 | +0.000 | -0.007 | -0.007 | +0.000 | -0.005 | +0.000 | -0.007 | +0.000 | +0.000 | +0.000 | C |
| D | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.007 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | D |
| E | +0.052 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | -0.007 | -0.007 | -0.007 | -0.005 | -0.005 | E |
| F | +0.000 | +0.000 | +0.042 | +0.015 | +0.015 | -0.005 | -0.009 | -0.005 | -0.005 | -0.005 | -0.005 | -0.005 | F |
| G | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | -0.005 | -0.010 | +0.000 | +0.000 | +0.000 | G |
| H | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

||E1: 40% confluent, some fibroblasts

||F3: 60-70% confluent, few fibroblasts

EASY BEAM

Plate # N023-12 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N024 @ 100ng/well
1° Ab = 20ul sup.
2° Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.005 | +0.000 | +0.000 | +0.027 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | A |
| B | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | -0.006 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | B |
| C | +0.000 | +0.000 | +0.000 | -0.008 | -0.005 | -0.007 | -0.007 | +0.000 | -0.005 | -0.005 | +0.023 | +0.000 | C |
| D | -0.006 | +0.000 | +0.148 | -0.012 | +0.000 | -0.007 | -0.007 | -0.007 | +0.000 | +0.007 | +0.000 | +0.000 | D |
| E | -0.005 | -0.013 | +0.000 | +0.000 | -0.006 | -0.010 | -0.007 | -0.007 | +0.000 | -0.007 | +0.000 | -0.008 | E |
| F | +0.000 | +0.000 | -0.007 | -0.007 | +0.000 | -0.010 | -0.006 | +0.000 | -0.007 | +0.000 | -0.007 | +0.000 | F |
| G | +0.000 | -0.010 | -0.008 | +0.013 | -0.007 | -0.011 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | G |
| H | +0.000 | +0.000 | +0.017 | -0.005 | -0.005 | -0.008 | -0.008 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

12DB: 95% confluent

EASY BEAM

Plate # N053-13 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100 ng/ml
1st Ab = 20 µl sup.
2nd Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.006 | A |
| B | +0.000 | +0.000 | +0.006 | +0.006 | +0.000 | +0.000 | +0.000 | +0.007 | +0.005 | +0.000 | +0.047 | +0.005 | B |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.014 | +0.006 | +0.000 | +0.009 | +0.009 | C |
| D | +0.000 | +0.000 | +0.006 | +0.000 | +0.006 | +0.006 | +0.006 | +0.006 | +0.006 | +0.000 | +0.009 | +0.006 | D |
| E | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.007 | +0.000 | +0.000 | +0.005 | +0.005 | +0.005 | E |
| F | +0.005 | +0.005 | +0.005 | +0.000 | +0.006 | +0.006 | +0.000 | +0.005 | +0.000 | +0.010 | +0.007 | +0.007 | F |
| G | +0.005 | +0.000 | +0.005 | +0.030 | +0.010 | +0.000 | +0.005 | +0.005 | +0.005 | +0.007 | +0.007 | +0.007 | G |
| H | +0.000 | +0.000 | +0.007 | +0.010 | +0.008 | +0.005 | +0.000 | +0.007 | +0.028 | +0.009 | +0.035 | +0.011 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

13B11: 60% confluent, few fibroblasts

EASY BEAM

Plate # N053-K4 Date 7 / 14 / 94 Filter 492 nm
 Operator CR Comment 80ns. w/NOET @ 100ng/well

10Ab = 20ul sup.
2°Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.007 | +0.007 | +0.007 | +0.011 | +0.008 | +0.008 | A |
| B | +0.016 | +0.007 | +0.007 | +0.007 | +0.007 | +0.010 | +0.010 | +0.010 | +0.006 | +0.019 | +0.010 | +0.010 | B |
| C | +0.008 | +0.000 | +0.005 | +0.005 | +0.008 | +0.005 | +0.007 | +0.010 | +0.007 | +0.014 | +0.043 | +0.009 | C |
| D | +0.007 | +0.007 | +0.007 | +0.016 | +0.006 | +0.008 | +0.008 | +0.008 | +0.008 | +0.011 | +0.011 | +0.009 | D |
| E | +0.000 | +0.000 | +0.006 | +0.006 | +0.011 | +0.005 | +0.009 | +0.009 | +0.005 | +0.010 | +0.012 | +0.012 | E |
| F | +0.000 | +0.005 | +0.008 | +0.010 | +0.005 | +0.005 | +0.007 | +0.007 | +0.011 | +0.011 | +0.011 | +0.011 | F |
| G | +0.000 | +0.000 | +0.005 | +0.022 | +0.007 | +0.007 | +0.007 | +0.011 | +0.009 | +0.006 | +0.012 | +0.009 | G |
| H | +0.007 | +0.007 | +0.007 | +0.007 | +0.005 | +0.011 | +0.007 | +0.011 | +0.013 | +0.011 | +0.013 | +0.007 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N003-15 Date 7 / 14 / 94 Filter 492 nm
Operator QJR Comment Sens. w/ N05+ @ 100 ng/well
1° Ab = 20 µl sup.
2° Ab = HRD-GAM12G/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.014 | +0.027 | +0.000 | +0.019 | A |
| B | +0.000 | +0.000 | +0.021 | +0.000 | +0.005 | +0.000 | +0.005 | +0.000 | +0.005 | +0.000 | +0.021 | +0.000 | B |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.005 | C |
| D | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.000 | D |
| E | +0.000 | +0.000 | +0.005 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.010 | +0.000 | +0.009 | E |
| F | +0.000 | +0.005 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.006 | +0.006 | +0.000 | +0.000 | +0.000 | F |
| G | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.009 | +0.000 | +0.015 | +0.000 | +0.000 | +0.000 | G |
| H | +0.000 | +0.000 | +0.005 | +0.011 | +0.000 | +0.007 | +0.010 | +0.019 | +0.000 | +0.000 | +0.006 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053-16 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100ng/well
1°Ab = 20µl sup.
2°Ab = HRP-GAMIG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.000 | +0.000 | +0.008 | +0.000 | +0.000 | +0.005 | +0.005 | +0.000 | +0.000 | +0.009 | +0.000 | +0.000 | A |
| B | +0.000 | +0.006 | +0.006 | +0.000 | +0.015 | +0.006 | +0.006 | +0.006 | +0.006 | +0.008 | +0.008 | +0.006 | B |
| C | +0.000 | +0.009 | +0.000 | +0.000 | +0.012 | +0.000 | +0.000 | +0.000 | +0.006 | +0.006 | +0.000 | +0.059 | C |
| D | +0.009 | +0.005 | +0.005 | +0.000 | +0.007 | +0.000 | +0.006 | +0.006 | +0.006 | +0.000 | +0.000 | +0.000 | D |
| E | +0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.008 | +0.000 | +0.007 | +0.005 | +0.000 | +0.000 | +0.000 | E |
| F | +0.007 | +0.007 | +0.020 | +0.005 | +0.000 | +0.000 | +0.005 | +0.005 | +0.000 | +0.000 | +0.005 | +0.000 | F |
| G | +0.005 | +0.012 | +0.009 | +0.019 | +0.005 | +0.018 | +0.005 | +0.005 | +0.000 | +0.005 | +0.009 | +0.000 | G |
| H | +0.013 | +0.007 | +0.007 | +0.013 | +0.009 | +0.006 | +0.000 | +0.000 | +0.005 | +0.010 | +0.007 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

16C12: 40-50% confluent, few fibroblasts

EASY BEAM

Plate # NDB3-17 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Scrs. w/ NDB4 @ 100ng/well

1°Ab = 20ul sup.
2°Ab = HRP-6AM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.044 | +0.000 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | A |
| B | +0.000 | +0.000 | +0.000 | +0.008 | +0.008 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | B |
| C | +0.006 | -0.006 | +0.000 | +0.000 | +0.000 | -0.006 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | C |
| D | +0.000 | +0.000 | +0.006 | +0.000 | -0.005 | +0.000 | +0.478 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | D |
| E | +0.000 | -0.006 | -0.006 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | E |
| F | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | -0.005 | +0.000 | F |
| G | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | G |
| H | +0.000 | +0.000 | +0.000 | +0.009 | +0.000 | +0.000 | +0.000 | +0.018 | +0.000 | +0.000 | +0.000 | +0.000 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

17A1: 100% confluent

17D7: 80-90% confluent, some fibroblasts

EASY BEAM

Plate # N053-18 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100ng/wal
1° Ab = 10µl exp.
2° Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +1.203 | +0.038 | +0.065 | +0.000 | +0.020 | +0.029 | +0.000 | +0.029 | +0.018 | +0.018 | +0.009 | +0.005 | A |
| B | +0.045 | +0.014 | +0.141 | +0.190 | +0.131 | +0.103 | +0.125 | +0.021 | +0.033 | +0.008 | +0.000 | +0.000 | B |
| C | +0.000 | +0.015 | +0.000 | +0.011 | +0.178 | +0.088 | +0.011 | +0.011 | +0.021 | +0.021 | +0.000 | +0.016 | C |
| D | +0.045 | +0.018 | +0.005 | +0.013 | +0.008 | +0.000 | +0.043 | +0.069 | +0.005 | +0.000 | +0.000 | +0.000 | D |
| E | +0.039 | +0.000 | +0.020 | +0.145 | +0.118 | +0.106 | +0.047 | +0.000 | +0.000 | +0.059 | +0.012 | +0.000 | E |
| F | +0.067 | +0.192 | +0.000 | +0.013 | +0.013 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | F |
| G | +0.000 | +0.110 | +0.000 | +0.000 | +0.000 | +0.183 | +0.036 | +0.017 | +0.102 | +0.000 | -0.006 | +0.013 | G |
| H | +0.000 | +0.126 | +0.075 | +0.309 | +0.026 | +0.059 | +0.134 | +0.005 | +0.186 | +0.035 | +0.007 | +0.035 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

18A1 no hybrids ; fibroblasts

A3 " "

B1 90% ; few

B3 70%.

B4 50%.

B5 20% ; some

B6 80-90%.

B7 80%.

C5 no hybrids ; fibroblasts

C6 30-40% ; few

D1 10-20% ; fibroblasts

D7 80% ; few

D8 30% ; some

18E4 very small colony ; fibroblasts

E5 5-10% ; fibroblasts

E6 5-10% ; fibroblasts

E7 20% ; some

E10 40% ; fibroblasts

F1 10-20% ; fibroblasts

F2 70% ; some

G6 50%.

G9 no hybrids ; some fibro.

H2 " "

H3 couple small colonies ; fibro.

H4 no hybrids ; some fibro.

H6 50-60% ; few

H7 60-70% ; few

HA 20% ; few

EASY BEAM

Plate # N063-19 Date 7 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N064 @ 100ng/well

1° Ab = 20µl sup.
2° Ab = HRP-GAMIG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | +0.663 | +0.012 | +0.092 | +0.012 | +0.020 | +0.342 | +0.360 | +0.242 | +0.028 | +0.919 | +1.623 | +0.008 | A |
| B | +0.373 | +0.049 | +0.103 | +0.427 | +0.010 | +0.007 | +0.017 | +0.011 | +0.025 | +0.007 | +0.007 | +0.030 | B |
| C | +0.049 | +0.006 | +0.006 | +0.019 | +0.000 | +0.007 | +0.007 | +0.007 | +0.007 | +0.000 | +0.000 | +0.008 | C |
| D | +0.000 | +0.009 | +0.009 | +0.000 | +0.000 | +0.000 | +0.006 | -0.005 | +0.007 | +0.007 | +0.007 | +0.007 | D |
| E | +0.000 | +0.000 | +0.000 | +0.014 | +0.000 | +0.000 | +0.009 | +0.005 | +0.011 | +0.005 | +0.005 | +0.007 | E |
| F | +0.090 | +0.019 | +0.007 | +0.007 | +0.000 | +0.008 | +0.014 | +0.014 | +0.000 | +0.005 | +0.010 | +0.000 | F |
| G | +0.091 | +0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.010 | +0.005 | +0.009 | +0.018 | +0.018 | +0.000 | G |
| H | +0.000 | +0.008 | +0.006 | +0.006 | +0.000 | +0.018 | +0.007 | +0.007 | +0.005 | +0.000 | +0.000 | +0.007 | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

19A1: 40%; fibroblasts

A3 small colony; fibro.

Ab 60%.

A7 40%; fibro.

AB 30%; fibro.

A10 very small colony; some

A11 100%.

B1 70%.

B2 10%?; fibro.

B3 50%; some

B4 small colony; fibro.

19C1 10-20%.

F1 30%; few

G1 no hybrids; some

EASY BEAM

Plate # N053-20 Date 1 / 14 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ 100ng/well
PAb = 20ul Sup.
2*Ab = HRP-GAM IgG/M

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| A | -0.006 | +0.012 | +0.000 | -0.009 | +0.000 | +0.000 | +0.000 | +0.000 | -0.006 | -0.006 | +0.000 | +0.000 | A |
| B | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | -0.005 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | B |
| C | -0.006 | +0.000 | -0.006 | -0.006 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | -0.006 | -0.006 | +0.000 | C |
| D | +0.000 | +0.000 | +0.015 | +0.000 | +0.000 | -0.006 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | +0.006 | D |
| E | -0.007 | +0.000 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | E |
| F | -0.013 | +0.007 | +0.007 | +0.000 | +0.010 | +0.010 | +0.010 | +0.008 | +0.010 | +0.008 | +0.000 | +0.011 | F |
| Blank 1:100 Blank 1:1600 Blank 1:100 Blank 1:1600 | | | | | | | | | | | | | |
| 13336 G | -0.011 | +0.629 | +0.296 | +0.150 | +0.093 | +0.063 | -0.017 | +1.830 | +1.717 | +1.489 | +1.287 | +1.106 | G |
| 13338 H | -0.011 | +1.081 | +0.690 | +0.345 | +0.205 | +0.096 | -0.011 | +OVER | +OVER | +1.946 | +1.830 | +1.657 | H |

M

G

NOB'S ELISA screen
100 µl supernatant
7/18/94

24 well 7/18

| | | | | | | | | | | | | | |
|---------|------|------|-----|------|------|------|------|-------|-------|------|------|------|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| A | 1E5 | 7E12 | 8A4 | 9H5 | 11E1 | 11F3 | 12D3 | 13B11 | 16C12 | 17A1 | 17D7 | 18A1 | A |
| B | 18A3 | B1 | B3 | B4 | B5 | B6 | B7 | C5 | C6 | D1 | D7 | D8 | B |
| C | E4 | E5 | E6 | E7 | E10 | F1 | F2 | G6 | G9 | H2 | H3 | H4 | C |
| D | H6 | H7 | H9 | 19A1 | A3 | A6 | A7 | A8 | A10 | A11 | B1 | B2 | D |
| E | B3 | B4 | C1 | F1 | G1 | | | | | | | | E |
| M3326 F | | | | | | | | | | | | | F |
| M3326 G | | | | | | | | | | | | | G |
| H | | | | | | | | | | | | | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

supernatant from 96 well 7.15.94

EASY BEAM

Plate # N053 Date 7 / 19 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N053 + @ 100ng / well
2°Ab = HRP-GAM IgG

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---------|--------|-----------------|--------|--------|--------|-----------------|----------------|----------------|--------|--------|-----------------|--------|---|
| | | 7E12 | | | | 11F3 | | | | | 17D7 | | |
| A | +0.000 | +1.946 100µl | +0.000 | +0.000 | +0.000 | +0.029 100µl | +0.000 | -0.006 | -0.006 | +0.000 | +0.177 100µl | -0.007 | A |
| B | -0.007 | +0.000 | -0.005 | +0.000 | -0.005 | +0.000 | +0.000 | -0.008 | -0.006 | -0.006 | -0.006 | +0.000 | B |
| C | -0.007 | -0.007 | -0.005 | +0.000 | +0.000 | -0.006 | +0.000 | +0.000 | -0.006 | +0.000 | +0.000 | -0.005 | C |
| | | | | | | 19A7 | 19A8 | | | | | | |
| D | +0.000 | +0.000 | +0.013 | +0.013 | +0.007 | +0.000 | +0.089 50µl | +0.046 50µl | +0.005 | +0.000 | +0.000 | +0.000 | D |
| E | -0.005 | -0.009 | -0.007 | +0.000 | -0.006 | +0.000 | -0.006 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | E |
| | | Blank 1:100 | | | | | | | | | | | |
| M3326 F | +0.000 | +OVER | +1.984 | +1.946 | +1.879 | +1.778 | +1.525 | +1.063 | +0.637 | +0.331 | +0.175 | +0.084 | F |
| M3326 G | +0.000 | +OVER | +OVER | +1.958 | +1.923 | +1.849 | +1.762 | +1.563 | +1.187 | +0.700 | +0.374 | +0.179 | G |
| H | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

EASY BEAM

Plate # N053 Date 7 / 19 / 94 Filter 492 nm
 Operator JR Comment Sens. w/ N054 @ Dongwell
2° Ab = HRP-GAMIGM

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| | 1E5 | 8A4 | 9H5 | 11E1 | 11F3 | 12D3 | 13B11 | 16C12 | 17A1 | 17D7 | | | |
| A | +0.124 | -0.007 | +0.041 | +0.301 | +0.219 | +0.146 | +0.120 | +0.203 | +0.980 | +0.218 | +1.046 | -0.007 | A |
| | logul | | logul | logul | logul | logul | logul | logul | logul | logul | logul | | |
| B | -0.007 | -0.007 | +0.000 | +0.000 | -0.006 | -0.006 | -0.006 | -0.006 | -0.006 | +0.000 | +0.017 | -0.005 | B |
| C | -0.009 | -0.009 | -0.009 | -0.009 | -0.009 | -0.009 | -0.007 | -0.007 | -0.007 | -0.007 | -0.007 | -0.007 | C |
| D | -0.007 | -0.005 | -0.008 | -0.005 | -0.008 | +0.000 | +0.000 | -0.007 | -0.007 | +0.000 | -0.005 | -0.005 | D |
| E | -0.008 | -0.010 | -0.010 | -0.010 | -0.010 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | E |
| M3336 | Blank | 1:100 | | | | | | | | | | | |
| F | +0.000 | +1.121 | +0.818 | +0.468 | +0.162 | +0.059 | +0.030 | +0.018 | +0.010 | +0.007 | +0.000 | +0.000 | F |
| M3336 | | | | | | | | | | | | | |
| G | +0.000 | +1.347 | +1.168 | +0.874 | +0.496 | +0.182 | +0.051 | +0.017 | +0.005 | +0.000 | +0.000 | +0.000 | G |
| H | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

Testing Positive Hybridomas for binding
to rhinoviruses (8-19-93 batch) @ 100ul + 50ul culture supernatant

7-22-94

100ul 50ul 100ul 50ul 100ul 50ul 100ul 50ul
1 2 3 4 5 6 7 8 9 10 11 12

| | | | | | | | | | | | | |
|---|-------|--------|--------|--------|--------|---------|-------|-------|--------|-------|-------|-------|
| A | 7E12 | → | 11F3 | → | 17A7 | → | 19A7 | → | 19A8 | → | blank | blank |
| | 1E5 | → | 8A4 | → | 9H5 | → | 11E1 | → | 11F3 | → | 12D3 | → |
| | 13B11 | → | 16C12 | → | 17A1 | → | 17D7 | → | blank | → | blank | → |
| | blank | 1:1000 | 1:2000 | 1:4000 | 1:8000 | 1:16000 | 1:32K | 1:64K | 1:128K | blank | blank | → |
| E | | | | | | | | | | | | |
| F | | | | | | | | | | | | |
| G | | | | | | | | | | | | |
| H | | | | | | | | | | | | |

1 2 3 4 5 6 7 8 9 10 11 12

EASY BEAM

Plate # 1 Date 7, 23, 94 Filter 492 nm
Operator DF Comment rhinose 10ng/well (8/18/93 batch)

| | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 100ul | 50ul | 100ul | 50ul | 100ul | 50ul | 100ul | 50ul | 100ul | 50ul | 100ul | 50ul | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | 7E12 | 11F3 | 17D9 | 19A7 | 19A8 | blank | | | | | | | IgG |
| A | +0.010 | +0.000 | +0.000 | -0.006 | +0.006 | +0.000 | -0.007 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | A |
| | 1E5 | 8A4 | 9H5 | 11E1 | 11F3 | 12D3 | | | | | | | IgM's |
| B | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.014 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | B |
| | 13B11 | 16C12 | 17A1 | 17D9 | blank | blank | | | | | | | |
| C | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.000 | +0.005 | +0.000 | +0.000 | C |
| | blank | 1:1000 | 1:2000 | 1:4000 | 1:8000 | 1:16K | 1:32K | 1:64K | 1:128K | blanks | | | Rabbit |
| D | +0.009 | +1.341 | +1.114 | +0.714 | +0.658 | +0.390 | +0.214 | +0.130 | +0.009 | +0.000 | +0.005 | +0.000 | D 2760 |
| E | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | E |
| F | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | F |
| G | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | G |
| H | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== | H |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |

NO mAb binding
to rhinos whole protein

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